Philips 8200 series
Razor Slim FHD TV
powered by Android™
with Ambilight 4-sided and
Perfect Pixel HD

**121 cm (48")**
Full HD LED TV
Quad Core
Twin Tuner DVB-T/T2/C/S/S2

**48PFS8209**

# Razor Slim Android LED TV

## With Ambilight 4-sided

Fasten your seat belt: Philips 8100 series will take you on a fast ride. Thanks to the power of Android it's got razor quick processing that makes navigating through your Smart TV a breeze. Its Razor Slim design looks as fast as it operates

### Who said only angels have halos
- Ambilight 4-sided: imagine your TV in a halo of light

### Love at first sight
- Razor Slim profile: the ultimate in cutting edge design
- Edge foot concept creates airy, floating effect
- Fresh white color adds contemporary flair

### Seeing is believing. Ultimate Picture Performance
- Perfect Pixel HD—our award winning Picture Quality engine
- 800Hz PMR for the ultimate in smooth moving images

### Entertainment at the speed of light
- Google Play™ store—the world at your fingertips
- Twin Tuner lets you watch or record more than one program
- Integrated Smart Camera appears just when you need it
- Point, type, talk or make gestures—truly Smart interaction
- From apps to Cloud TV: more online entertainment than ever

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PHILIPS

Razor Slim FHD TV powered by Android™ with Ambilight 4-sided and Perfect Pixel HD

121 cm (48") Full HD LED TV, Quad Core, Twin Tuner DVB-T/T2/C/S/S2

48PFS8209/12

# Highlights

### Ambilight 4-sided

You've created a home that's more than just a house, so why not choose a TV that is warm and inviting too? Our most amazing Ambilight experience ever projects an extra wide glow around four-sides of your TV onto the surrounding wall. Your screen seems much wider, your experience more enhanced…and your TV appears to float on air. Color, vibrancy and excitement move beyond the screen and into your living room, bringing with it a more thrilling, intense and immersive viewing experience.

### Razor Slim profile

Sometimes less is more. Especially when it comes to the thinness of your TV. That's why Philips Razor Slim TVs has our thinnest, sharpest and most refined edge. From some angles you'll barely notice it's there…and yet it never fails to be the first thing people admire when they walk into the room.

### Modern Edge Feet look

When setting out to create a new TV, our teams consider every aspect: from technology to design. Our new edge feet were engineered to create space beneath your TV where a traditional stand would normally sit, offering you a more immersive viewing experience. The effect? A TV that stands confidently with a nod to the future.

### Perfect Pixel HD

Building on our award winning heritage, we've elevated High Definition Picture Quality to a whole new level. So whether you love the thrill of gaming or an evening of streaming your favorite films, Philips Perfect Pixel HD delivers unrivaled clarity. From richer more vibrant colors, to deeper blacks and brighter whites, every detail is a feast for your eyes.

### 800Hz Perfect Motion Rate

Nothing beats the adrenaline rush of gaming, fast paced sporting events or action films. That's why this Philips TV has 800Hz Perfect Motion Rate; so you'll enjoy the ultimate in smooth moving images. Because even though your pulse may jump, the image you're watching shouldn't.

### Google Play™ store

Feel like a kid in a candy store. Enjoy a delicious assortment of apps, games, and all the goodies available from the Google Play™store like the Chrome™ browser, YouTube™, Google Movies, Google Music, social network apps and more…and all on your TV Powered by Android™.

### Twin Tuner

Never fight about what to watch again. With a twin tuner on your TV you can watch your favorite series and a football game—and all at the same time. Our dual recording feature lets you watch one program while recording another so, you'll always have something great to watch later.

### Smart Interaction

Communicating with your TV has never been easier or so much fun. Our totally intuitive remote control has all the usual perks like short cut buttons, a point and click mouse function and a keyboard on the flip side…and there's more. Want to lower the volume? A simple swipe of your hand (no remote necessary!) and the built in camera will recognize your gesture and adjust it accordingly. Don't feel like using the keyboard? Speak into your remote and the results will appear on your TV screen! Truly a Smarter experience for you.

### Integrated Smart camera

Now you see it, now you don't! Philips intelligent camera stays discretely hidden at the bottom of your TV frame, so it never compromises the clean lines of your TV. When you start a Skype™ call, or use gesture control to communicate with your TV, it conveniently pops down with one simple click of your remote.

### Apps, Cloud TV* & Explorer

Imagine an ever-growing Smart app portfolio on your TV. From YouTube to music, Video On Demand and more, you can customize which apps you add to your dashboard. Want more? Explore Cloud TV. With hundreds of premium international channels, it's a great way to watch your favorite shows and discover what's popular on the other side of the world. With Cloud Explorer, you can access Dropbox™ TM to view (and share) your favorite photos and videos on the big screen.

### Modern white design

Because we know you want a TV that looks as great as it performs, our design team paired an elegant frame of sophisticated white and metal veneer to create a contemporary design that compliments any modern interior.

### Ambilight 4-sided

Ambilight 4-sided: imagine your TV in a halo of light

You've created a home that's more than just a house, so why not choose a TV that is warm and inviting too? Our most amazing Ambilight experience ever projects an extra wide glow around four-sides of your TV onto the surrounding wall. Your screen seems much wider, your experience more enhanced…and your TV appears to float on air. Color, vibrancy and excitement move beyond the screen and into your living room, bringing with it a more thrilling, intense and immersive viewing experience.

### Quad Core

Discover the power of Quad Core and Android

Fasten your seat belt; this is a TV engine like never before. With Android on your TV you'll navigate, make video calls, and chat in a way that is super fast, super intuitive, and super fun. The Android robot liberates the power of our Quad Core processor to get things done with lightning speed and total ease.

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# Specifications

## Ambilight
- Ambilight Version: 4 sided
- Ambilight Features: Built in Ambilight+hue, Wall colour adaptive, Gaming mode, Lounge light mode

## Picture/Display
- Display: LED Full HD
- Diagonal screen size: 48 inch / 121 cm
- Panel resolution: 1920x1080p
- 3D: Active 3D, 2 Player Full Screen Gaming*, 2D to 3D conversion
- Aspect ratio: 16:9
- Brightness: 450 cd/m²
- Pixel engine: Perfect Pixel HD
- Picture enhancement: Micro Dimming Pro, Local contrast, Perfect Natural Motion, 800 Hz Perfect Motion Rate, Super Resolution

## Android
- Android OS: 4.2.2 (Jelly Bean)
- Pre-installed apps: Google Chrome browser, Search, Voice Search, Google Play Movies, Google Play Music, YouTube
- Google PlayStore apps: TV libraries, TV player
- Memory size to install apps: 2.7GB

## Smart TV
- Interactive TV: HbbTV
- SmartTV apps*: Catch-up TV, Netflix*, Online apps, Online Video stores
- Social TV: Skype, Facebook, Twitter

## Smart Interaction
- Remote Control: with Pointer, with Keyboard, Voice*
- User interaction: Cloud TV* and Cloud Explorer, DropboxTM, SimplyShare, MultiRoom Client and Server, Wi-fi Miracast Certified*
- Integrated Smart Camera: Skype, Gesture Control
- Program: Pause TV, USB Recording*
- Ease of Installation: Auto detect Philips devices, Device connection wizard, Network installation wizard, Settings assistant wizard
- Ease of Use: One-stop Home button, Onscreen Usermanual
- Firmware upgradeable: Firmware auto upgrade wizard, Firmware upgradeable via USB, Online firmware upgrade
- Screen Format Adjustments: Basic - Fill Screen, Fit to Screen, Advance - Shift, Zoom, Stretch
- Philips TV Remote app*: Control, Simply Share, TV Guide, Wi-fi Smart Screen

## Processing
- Processing Power: Quad Core

## Sound
- Output power (RMS): 30W (15W + 2x 7.5W)
- Sound Features: Ambi wOOx, HD Stereo, Natural Sound
- Sound Enhancement: Incredible Surround, Incredible Surround 3D, Clear Sound, Auto Volume Leveller, Dynamic Bass Enhancement, DTS premium

## Connectivity
- Number of HDMI connections: 4
- Number of component in (YPbPr): 1
- Number of scarts (RGB/CVBS): 1
- Number of USBs: 3
- Wireless connections: Integrated Wi-Fi 11n, 2x2 Dual band
- Other connections: Antenna IEC75, 2x Sattelite input, 2x Common Interface Plus (CI+), CI+1.3 certified, Ethernet-LAN RJ-45, Digital audio out (optical), Audio L/R in, Headphone out, Service connector
- HDMI features: 3D, Audio Return Channel
- EasyLink (HDMI-CEC): Remote control pass-through, System audio control, System standby, Plug & play add to Homescreen, One touch play

## Multimedia Applications
- Video Playback Formats: Containers: AVI, MKV, H264/MPEG-4 AVC, MPEG-1, MPEG-2, MPEG-4, WMV9/VC1, 3GP
- Subtitles Formats Support: .AAS, .SMI, .SRT, .SUB, .TXT, MKV/SRT
- Music Playback Formats: AAC, MP3, WMA (v2 up to v9.2)
- Picture Playback Formats: JPEG, BMP, GIF, JPS, PNG, PNS

## Supported Display Resolution
- Computer inputs on all HDMI: up to FHD 1920x1080@60Hz
- Video inputs on all HDMI: up to FHD 1920x1080p, @ 24, 25, 30, 50, 60Hz

## Tuner/Reception/Transmission
- Twin Tuner
- Twin Cam (CI+)
- Digital TV: 2x DVB-T/T2/C/S/S2
- MPEG Support: MPEG2, MPEG4
- Video Playback: NTSC, PAL, SECAM
- TV Program guide*: 8 day Electronic Program Guide
- Signal strength indication
- Teletext: 1200 page Hypertext

## Power
- Mains power: AC 220 - 240 V 50/60Hz
- Ambient temperature: 5 °C to 35 °C
- Eu Energy Label power: 59 W
- Annual energy consumption: 82 kW·h
- Energy Label Class: A+
- Standby power consumption: < 0.3 W
- Off mode power consumption: < 0.3 W
- Power Saving Features: Auto switch-off timer, Light sensor, Picture mute (for radio)

## Dimensions
- Box dimensions (W x H x D): 1200 x 825 x 132 mm
- Set dimensions (W x H x D): 1068 x 627 x 13 mm
- Set dimensions with stand (W x H x D): 1105 x 657 x 195 mm
- VESA wall mount compatible: 200 x 200 mm, advise to use THIN 225, or THIN 245 from Vogel's*
- Product weight: 13.2 kg
- Product weight (+stand): 13.6 kg
- Weight incl. Packaging: 16.6 kg

## Accessories
- Included accessories: 2 x 3D active Glasses, Edge feet stand, Remote Control, 2 x AA Batteries, Power cord, Quick start guide, Legal and safety brochure
- Optional accessories: Active glasses PTA509, Active Glasses PTA519

* Philips TV Remote app and related functionalities varies per TV model and country, as well as smart device model and OS. For more detail, please visit: www.philips.com/TV.
* For smart TV app, visit www.philips.com/TV to discover the services offering in your country
* Cloud TV offering depends on country availability and regulations
* Compatibility depends on Wifi Miracast certification & Android 4.2 or later. For more details please refer to your device documentation.
* USB recording for digital channels only, recordings may be limited by broadcast copy protection (CI+). Country and channel restrictions may apply.
* Android, Google Play and other marks are trademarks of Google Inc.
* The TV is compliant with any 200mm x 200mm VESA wall mount. To achieve an optimal ambilight experience, we advise to use THIN 225 or THIN 245 from Vogel's. For more info, please visit www.vogels.com
* Parents should monitor their children during 3D viewing and ensure they do not experience any discomfort as mentioned above. Watching 3D is not recommended for children under 6 years of age as their visual system is not fully developed yet.
* The TV supports DVB reception for 'Free to air' broadcast. Specific DVB operators may not be supported. An up to date list can be found in the FAQ section of the Philips support website. For some operators Conditional Access and subscripction are required. Contact your operator for more information.
* Energy consumption in kWh per year, based on the power consumption of the television operating 4 hours per day for 365 days. The actual energy consumption will depend on how the television is used.
* EPG and actual visibility (up to 8 days) is country and operator dependent.
* (Philips) only compatible with specific Philips player device.

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